

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:  
Heinz-Peter Frerichs

) Group Art Unit: 1744

) Examiner: Unknown

)

Title: SENSOR FOR MEASURING A GAS  
CONCENTRATION OR ION  
CONCENTRATION

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Serial No.: ~~10/471,467~~

10/719,648

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Filed: November 21, 2003

) Our Docket No. Micronas 7388

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

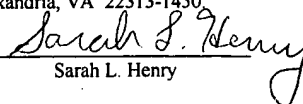
Applicant(s) submits herewith Form PTO-1449 identifying patents, publications or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose.

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made (37 CFR 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

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I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on July 6, 2005 with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

  
Sarah L. Henry

Application Serial No.: 10/471,467  
Docket No. Micronas 7388

Under 37 CFR 1.97 (b)

☐ This Information Disclosure Statement is being filed within three months of the filing date of the application, or the date of entry into the national stage of an international application, or before the mailing date of a first Office Action on the merits, whichever event occurs last.

Under 37 CFR 1.97 (c)

☒ This Information Disclosure Statement is being filed *after* three months of the filing date of this national application, or the date of entry into the national stage as set forth in §1.491 in an international application, or after the mailing date of the first Office Action on the merits, whichever event occurred last, but *before* the mailing date of either a final action under §1.113 or a notice of allowance under §1.311, whichever occurs first.

☐ A certification as specified in 37 CFR 1.97(e) is set forth below.  
Fee as set forth in 37 CFR 1.17(p) (\$180.00).

Under 37 CFR 1.97(d)

☐ This Information Disclosure Statement is being filed *after* a final action under §1.113 or a notice of allowance under §1.311, whichever occurs first, but before, or simultaneously with, the payment of the issue fee. Applicant hereby petitions for the consideration of this Information Disclosure Statement, 37 CFR 1.97(d)(ii). A certification as specified in 37 CFR 1.97(e) is set forth below.

☐ Fee as set forth in 37 CFR 1.17(p) (\$180.00)

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**CERTIFICATION (37 CFR 1.97(e))**

☐ Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement. A copy of the relevant search report is enclosed herewith.

☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this Statement.

Application Serial No.: 10/471,467  
Docket No. Micronas 7388

Applicants respectfully request that any deficiencies in the fees be charged to Deposit  
Order Account No. 50-3381

Respectfully submitted,

A handwritten signature in cursive script, reading "Patrick O'Shea". The signature is written in dark ink and is positioned above a horizontal line.

Patrick J. O'Shea  
Registration No. 35,305  
O'Shea, Getz & Kosakowski, P.C.  
1500 Main Street, Suite 912  
Springfield, Massachusetts 01115  
Telephone: (413) 731-3100  
Extension 102

FORM PTO-1449 O'SHEA, GETZ & KOSAKOWSKI  
(Rev. 5/92) 1500 Main Street, Springfield, MA 01115  
Telephone: (413) 731-3100

ATTORNEY DOCKET NO.  
Micronas 7388

SERIAL NO. 10/719,648

APPLICANT:  
Heinz-Peter Frerichs

GROUP: 1744

FILING DATE:  
11/21/2003

EXAMINER: N/A

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
A	4,411,741	10/25/1983	Janata	204	1	1/12/1982
B	5,911,873	6/15/1999	McCarron et al.	205	789	5/2/1997
C	4,385,274	5/24/83	Shimada et al.	324	71.6	4/27/81
D						
E						
F						
G						
H						

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
I	EP0947829	10/6/99	EPO			YES-abstract
J	DE4239319	4/8/93	Germany			YES-abstract
K	DE3144459	10/14/82	Germany			YES-abstract
L	DE19849932	5/11/00	Germany			YES-abstract

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

EXAMINER INITIAL		
M		Gergintschew et al., "The capacitively controlled field effect transistor (CCFED) as a new low power gas sensor", Elsevier Science S.A., B 35-36, 1996, 285-289.
N		
O		

EXAMINER

DATE CONSIDERED

EXAMINER:

Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.